



BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	Unit 20: Grass and forage crop production
Learning aim	A: Investigate requirements for the growth and development of commercially produced forage crops
Assignment title	Forage Crop Production
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You have been tasked by a local farmer to produce a report on three contrasting forage crops that the farm is considering starting to grow and produce commercially. The farmer needs to have the technical and current information to ensure these crops would be profitable and a commercial success for the business.
Task 1	Produce an illustrated report examining three forage crops and the production for each crop in relation to plant growth and development. Your report should be clearly structured using suitable headings and cover the following aspects: • Key biological and physical factors in the growth and development of the three forage crops • Establishing the three forage crops • The digestibility and nutrient value of grazed forage crops you have selected. Your report must ensure you fully consider the forage crop production cycle for three contrasting forage crops.
Checklist of evidence required	Illustrated report.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate how biological and physical factors influence forage crop growth and development
A.M1	Assess the growth and development characteristics of contrasting forage crops.
A.P1	Contrast the life cycles of annual, biennial and perennial crops.
A.P2	Explain the biological and physical factors influencing the growth and development of contrasting forage crops.

Sources of information to support you with this Assignment	Books Gerrish, J. (2014). <i>Management-Intensive Grazing: The Grassroots of Grass Farming</i>. London: Green Park Press. ISBN-13: 978-0972159708. Young, N. (2002). <i>The Forages and Protein Crops Directory</i>. Leicestershire: Context Products Ltd. ISBN-13: 978-1899043057. Hedayetullah, M. Zaman, P. (2018). <i>Forage Crops of the World, Volume II: Minor Forage Crops: 2</i>. Canada: Apple Academic Press. ISBN-13: 978-1771886857. Finch, S. Samuel, A. Lane, G. (2014). <i>Lockhart & Wiseman's Crop Husbandry Including Grassland (Woodhead Publishing Series in Food Science, Technology and Nutrition)</i>. 9th ed. London: Woodhead Publishing. ISBN-13: 978-1782423713. Journals/Magazines Frontiers in Plant Science (frontiersin.org) Journal of Agronomy and Crop Science Websites germinal.co.uk aafarmer.co.uk
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